

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

KENTUCKY POWER COMPANY

and

GTE SOUTH INCORPORATED

ALLEGED FAILURE TO COMPLY WITH
COMMISSION REGULATIONS

CASE NO.
89-258

O R D E R

On September 19, 1989, the Commission ordered GTE South Incorporated ("GTE") to show cause why it should not be penalized for its alleged failure to comply with Commission Regulation 807 KAR 5:061, Section 2. This action was taken after receipt of an Electrical Utility Accident Investigation Report, prepared by Commission Staff, which alleged that a communications conductor owned and operated by GTE failed to comply with the standards of the National Electric Safety Code ("NESC").

In its response to the Commission's Order, GTE expressly denied that any of its facilities were involved in the accident in question and that any of its facilities failed to comply with NESC standards. GTE further asserted that it did not serve the area in which the accident occurred. It requested that it be excused from this case.

Upon receipt of GTE's response, the Commission instructed its Staff to review the findings of the Electrical Utility Accident Investigation Report. Commission Staff reviewed the report and subsequently amended its findings. The Amended Electrical Utility Accident Investigation Report, a copy of which is found at Appendix A, alleges that the communications conductor in question is owned by South Central Bell Telephone Company ("SCB"), not GTE.

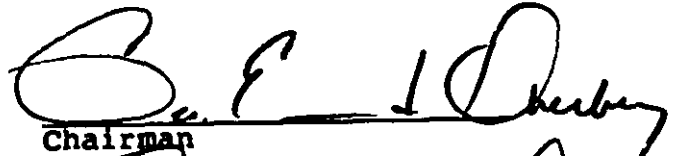
After review of the record and being sufficiently advised, the Commission finds that none of the issues present in this case involve GTE and, therefore, it should be dismissed as a party to this case.

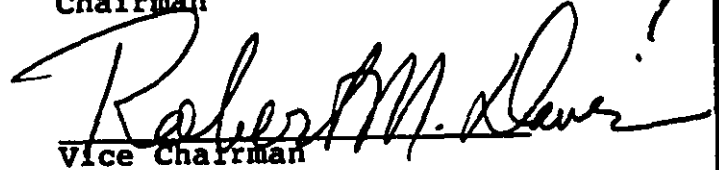
IT IS THEREFORE ORDERED that:

1. SCB is hereby made a party to this case.
2. SCB shall submit to the Commission a written response to the allegations contained in the Amended Electrical Utility Accident Investigation Report within 20 days of the date of this Order.
3. The Amended Electrical Utility Accident Investigation Report is hereby made a part of the record of this case.
4. GTE is hereby dismissed as a party to this case.
5. The style of this case shall be amended to reflect the changes ordered herein.

Done at Frankfort, Kentucky, this 21st day of November, 1989

PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman

Commissioner

ATTEST:

Executive Director

ELECTRICAL UTILITY ACCIDENT INVESTIGATION (Continued)

LOCATION OF ACCIDENT SITE Mr. Ed. Gregory Heavy Equipment Repair
Garage off Hwy. 15 West of Hazard near Lost Creek, Kentucky.

DESCRIPTION OF ACCIDENT Mr. Johnny Minks and Mr. Tom Mullins were
alleged to have been attempting to install a CB Antenna on a building
belonging to Mr. Ed Clemons and leased by Mr. Ed Gregory. Mr. Johnny
Minks apparently made accidental contact with a 7,200 volt overhead
line, while attempting to install top section of CB Antenna on bot-
tom section which had already been installed on end of this building.

SOURCE OF INFORMATION Mr. P.R. Williamson, Mr. R.J. Eversole, Mr. Glen
Combs, Mr. Paul Pratt, Mr. Steve Campbell employees of Kentucky
Power's Hazard Division. There was also an onsite investigation made
by myself John W. Land of the Public Service Commission's Engineering
staff, plus utility, coroner and EMT accident reports. I also tried
to interview Mr. Tim Mullins but was unable to do so. Hospital was
also visited but I was unable to obtain any information on Mr. Minks.

VIOLATIONS OF COMMISSION REGULATIONS There is a low clearance of
primary conductor to structure, secondary 1/0 lash conductor to struc-
ture and telephone conductor to structure at this location. Mr. Ed
Gregory's Garage, Hwy. 15, Lost Creek, Kentucky. Kentucky Power's
single phase and lash secondary lines are in violation of 807 KAR
5:041, Section 3(1) 1981 NESC Edition Table 234-1 (Vertical). (See
line clearances of this report) South Central Bell's phone cable is
in violation of KAR 5:061, Section 2(1) 1981 Edition Table 234-1
(Vertical) (See Line Clearances of this report.)

RECOMMENDATIONS It is recommended that Kentucky Power and South
Central Bell Telephone Company take corrective action to correct these
clearances and furnish documentation as to corrective action taken.
It is also recommended that the Commission consider action in accor-
dance with KRS 278.990 due to line clearance violations by Kentucky
Power and South Central Bell Telephone required by 807 KAR 5:041,
Section 3(1) and 807 KAR 5:061, Section 2(1); NESC Table 234-1
(Vertical).

CORRECTIVE ACTION Corrective action has been taken to correct this
low clearance and documentation will be furnished by this utility
upon receipt of this report.

LINE CLEARANCES

	<u>As Measured</u>	<u>Minimum Allowed by NESC 1981 Edition</u>
A. AT POINT OF ACCIDENT		
Phase conductor to ground elevation:	<u>31'-2"</u>	<u>20'-0"</u>
Neutral conductor to ground elevation:	<u>25'-5"</u>	<u>18'-0"</u>
Lash Secondaries to ground:	<u>25'-5"</u>	<u>18'-0"</u>
Communication conductor to ground elevation:	<u>23'-1"</u>	<u>18'-0"</u>
Phase conductor to structure:	<u>5'-5 1/2</u>	<u>10'-0"</u>
Neutral conductor to structure:	<u>0'-0"</u>	<u>3'-0"</u>
Lash Secondaries to structure:	<u>0'-0"</u>	<u>3'-0"</u>
Communication conductor to structure:	<u>0'-0"</u>	<u>3'-0"</u>

B. AT LOWEST POINT OF SPAN

Phase conductor to ground elevation:	<u>31'-2"</u>	<u>20'-0"</u>
Neutral conductor to ground elevation:	<u>25'-5"</u>	<u>18'-0"</u>
Communication conductor to ground elevation:	<u>23'-1"</u>	<u>18'-0"</u>

C. SPAN LENGTH 247'

Date the line or facilities were constructed: December, 1985

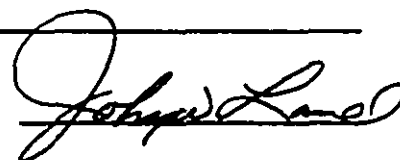
Utility: Kentucky Power - Hazard Division

Date: 7/21/89 Time 12:00 P.M.

Approximate temperature: 88 Degrees F

Measurements made by: R.J. Eversole Engineer-Paul Pratt Serviceman
of Kentucky Power - Hazard Division and witnessed by John W. Land
of the Commission Engineering staff.

Submitted by:



P. S. C.
ACCIDENT AND TROUBLE REPORT FORM

TODAY'S DATE 7/10/89 TIME 8:50 PM

COMPANY Ky POWER - Hazard Division

PERSON REPORTING INCIDENT: NAME: Wayne Edwards

TITLE: Safety and Health Mgr.

ADDRESS: Ashland, Ky

PHONE NO: 606-327-1271

ACCIDENT DESCRIPTION: CB ANTENNA CONTACT 7200 Volt Single
Phase Overhead Line

VICTIMS NAMES: John Mink SEX M AGE DEATH INJURY ✓

SEX AGE DEATH INJURY

SEX AGE DEATH INJURY

LOCATION OF ACCIDENT: Ed Gregory - Heavy Equipment
Repair Garage Lost Creek, Ky on Hwy 15 West of Hazard.

TIME OF OCCURRENCE: Call taken at 5:05 P.M. 7/10/89

TROUBLE DESCRIPTION: Single Phase Tap out

TIME OF OCCURRENCE: 4:50 P.M.

TIME OF RESUMPTION OF NORMAL SERVICE: 7:15 P.M.

NUMBER OF CUSTOMERS AFFECTED: (2) Two each

SIGNED John R. [Signature]

DATE 7/10/89

1701 Central Avenue
P O Box 1428
Ashland, KY 41105-1428
606-327-1111



RECEIVED

Claude G. Rhorer, Jr., Director
Division of Engineering and Services
Public Service Commission
730 Schenkel Lane
PO Box 615
Frankfort, KY 40602

~~APR 19 1989~~
Jul 26, 1989
DIVISION OF UTILITY
ENGINEERING & SERVICES

July 24, 1989

Dear Mr. Rhorer:

Attached is the Summary Written Report for a public contact accident which occurred in Kentucky Power Company's Hazard Division. This accident happened July 20, 1989 and resulted in non-fatal burns to Mr. Johnny Minks of Viper, Kentucky.

Supplemental information as requested by Mr. John Land will be provided as quickly as it becomes available. Any questions should be directed to me at 606/327-1271.

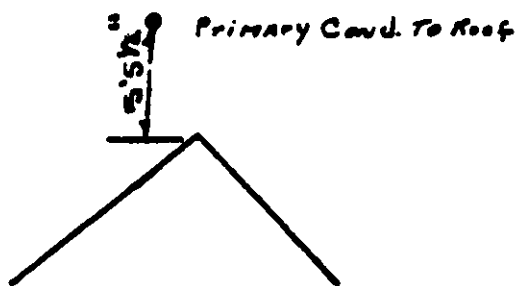
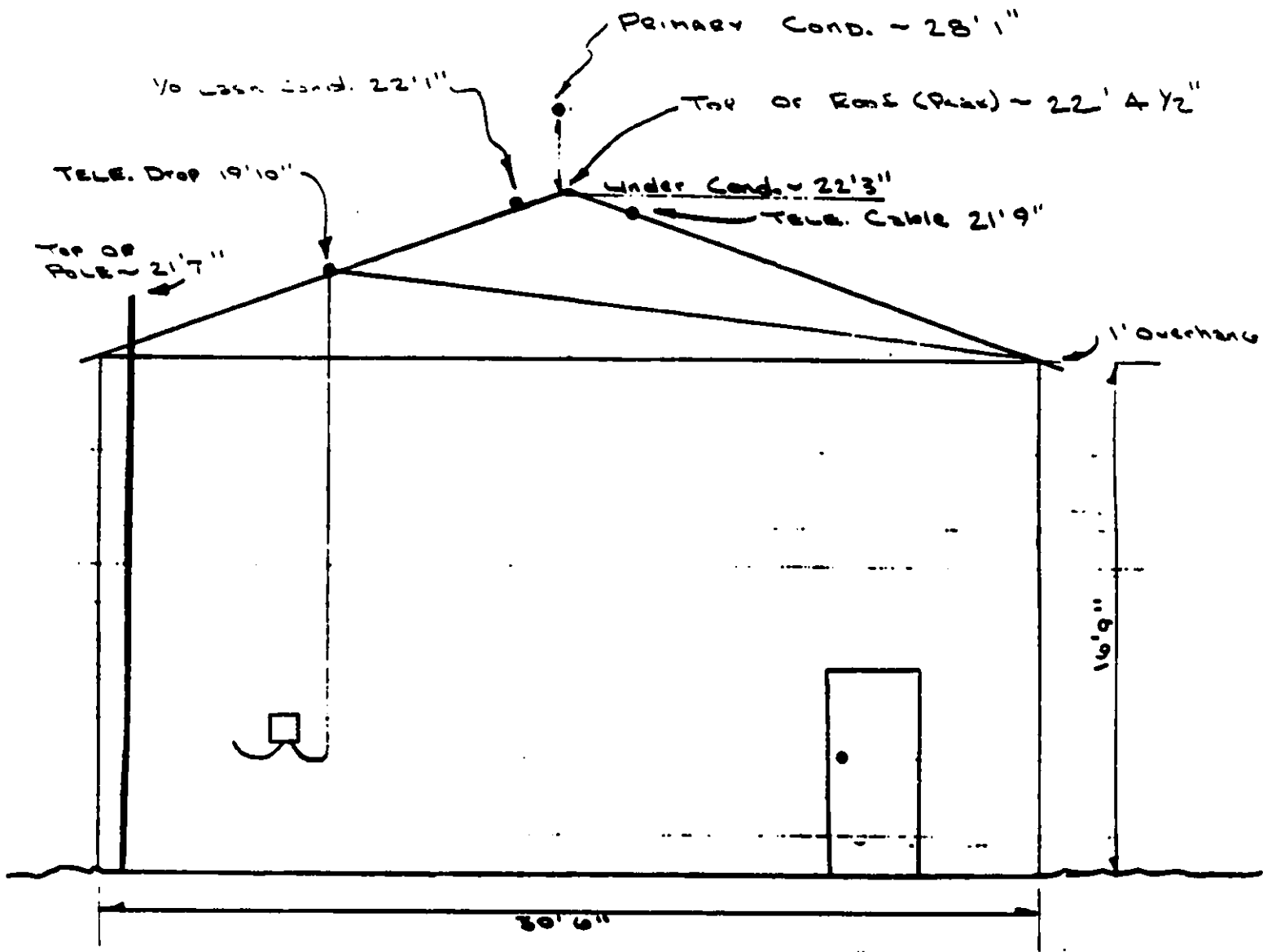
Sincerely,

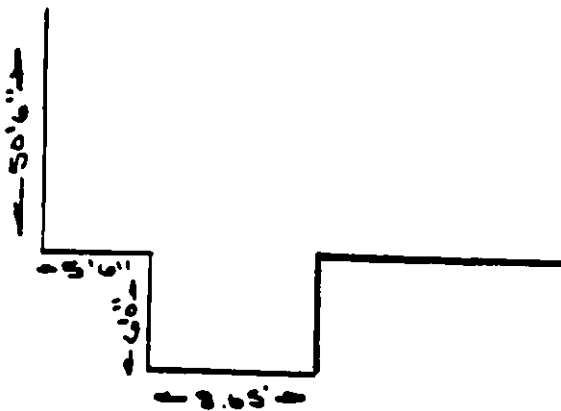
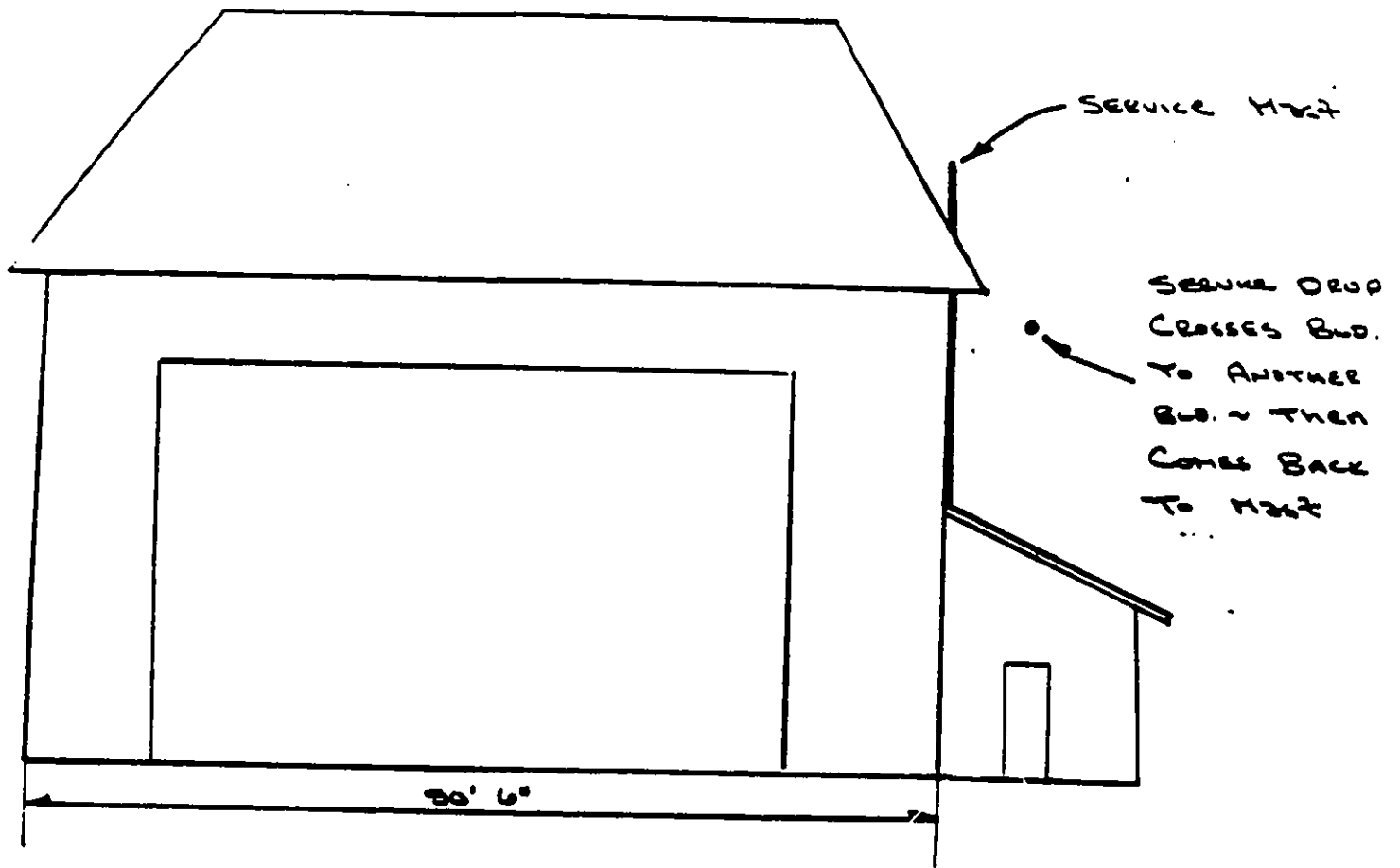
A handwritten signature in cursive script, appearing to read "Wayne B. Edwards".
Wayne B. Edwards
Safety and Health Manager

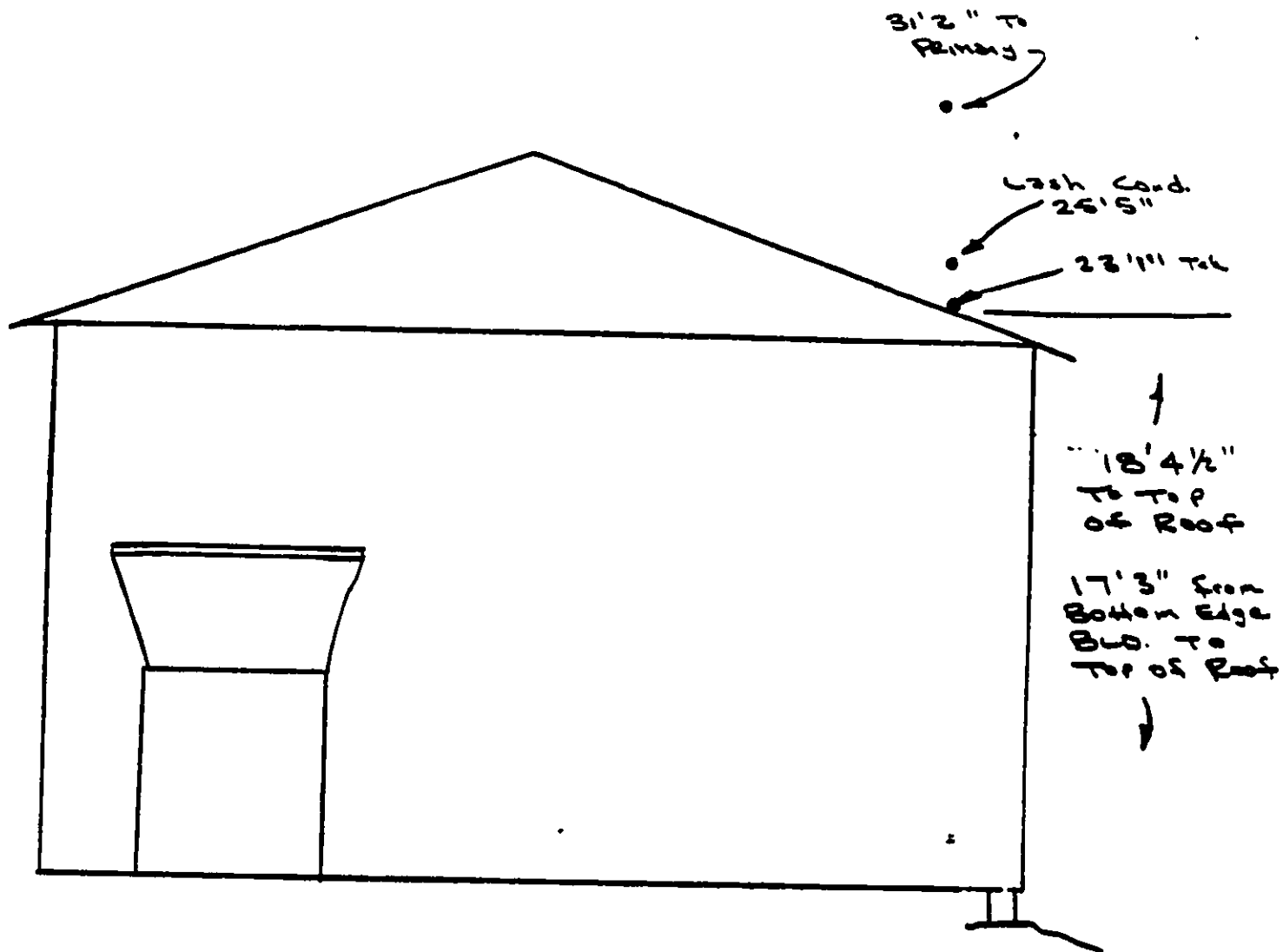
C
Attachment

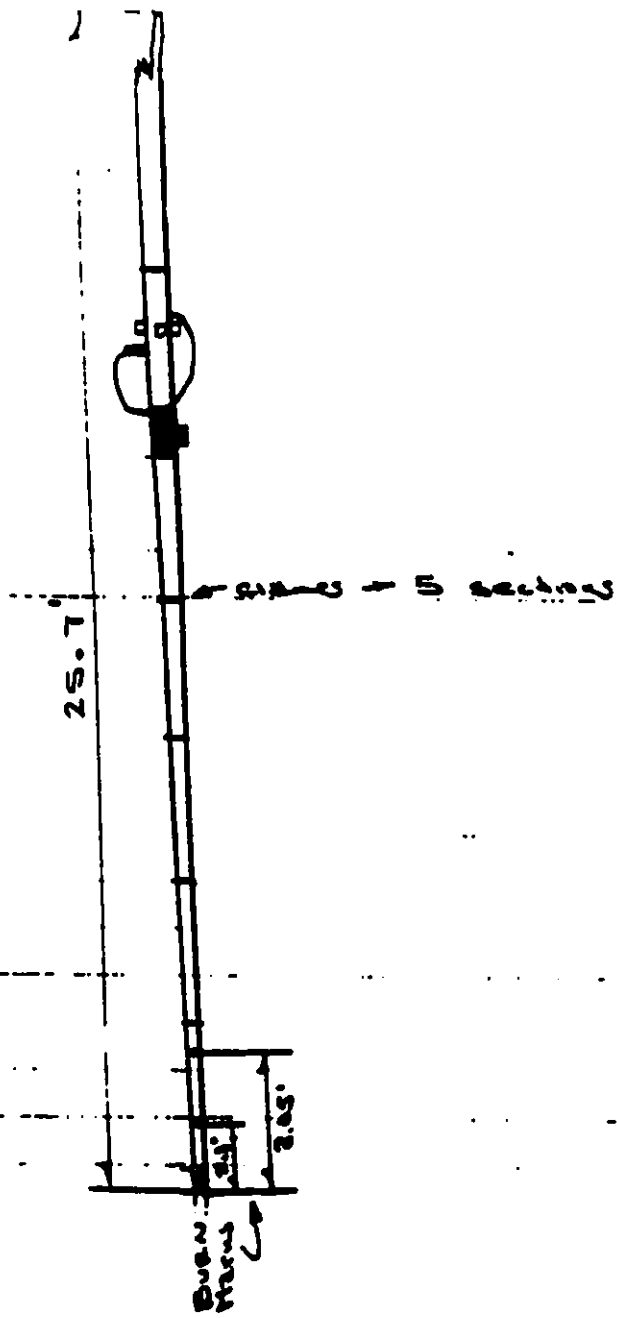
KENTUCKY POWER
PUBLIC ACCIDENT NOTICE
SUMMARY REPORT

(1) Injured person	Name Johnny Minks		Age
	Address Rt. 43D, Viper, Kentucky 41774		Phone: Home Bus. 606-439-4036
	Occupation Sales & Installation of Radio Equipment	Employed by Self	
(2) & place	Date & Time of Loss or Accident 7-20-89 5:00 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Location Hwy. 15 and Lost Creek, Ky.	Division Hazard
(3) Injury	Nature & Extent of Injury 2nd degree facial burns; 3rd degree leg burns		
	Where was injured taken after accident Middle Ky. River Hospital, Jackson, Kentucky		Name of Doctor
(4) Party name	Owner		Phone: Home Bus.
	Address		
	List Damage		Estimated cost
(5) Witnesses	Name Tim Mullins		Phone: Home 606-476-2136 Bus.
	Address Accup Creek		
	Name		Phone: Home Bus.
	Address		
	Name		Phone: Home Bus.
	Address		
(6) Description of incident	Obtain the names and addresses of disinterested witnesses who know anything about the occurrence including date, hedge No. or name of police authority to whom the accident was reported.		
	Mr. Minks and Mr. Mullins were installing a CB antenna on top of a building.		
	During the installation process, part of the antenna made contact with an energized 7200 volt line.		
	It is important that any article, part or appliance causing the occurrence be carefully preserved. Attach sketch if appropriate.		
Date 7-24-89		Signature G. W. Williamson	









Kentucky Power Company
508 Main Street
P O Box 358
Hazard KY 41701-0958
506-436-1212



RECEIVED

AUG 08 1989

DIVISION OF UTILITY
ENGINEERING & SERVICES

Public Service Commission
730 Schenkel Lane
Box 615
Frankfort, Kentucky 40602

August 7, 1989

Attn: John Land

Subject: Johnny Minks 7-20-89

Dear John:

Per your request, the system inspection was performed on the accident site on March 27, 1989.

The inspection is completed by using a distribution map and checking off each pole and the equipment on it. When the technician completes the inspection, any system deficiencies are posted to our inspection inventory sheet. Jobs would then be issued to correct any problem. The inventory inspection sheet is maintained chronologically.

Attached is the inspection inventory sheet for the March 27, 1989 period. You will note that no work was released at that time.

Additionally, you requested the EMT report. Mr. Ron Montgomery with Crawford and Company is in the process of obtaining this report.

Feel free to contact me if you require additional information.

Very truly yours,

A handwritten signature in cursive script that reads 'P. R. Williamson'.

P. R. Williamson
Human Resources Supervisor

PRW:cr

Attachment

CC: Wayne B. Edwards W/A

1

[illegible]

Kentucky Power Company
608 Main Street
P O Box 958
Hazard, KY 41701 0958
606-436-1212



RECEIVED

AUG 01 1989

**DIVISION OF UTILITY
ENGINEERING & SERVICES**

Mr. John Land
Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

Re: Johnny Minks Accident 7-20-89

July 31, 1989

Dear Mr. Land:

Per your request, I have enclosed copies of the drawings of the building Mr. Minks was working on, the antenna he was installing, distribution map 102 with the system inspection date of March 27, 1989 in the upper lefthand corner and right-of-way map 102.

Mr. Ron Montgomery, with Crawford and Company, has been requested to obtain a copy of the ENT report. In addition, Mr. Montgomery is attempting to find out the details of when the building was erected. This information will be provided as soon as it is obtained.

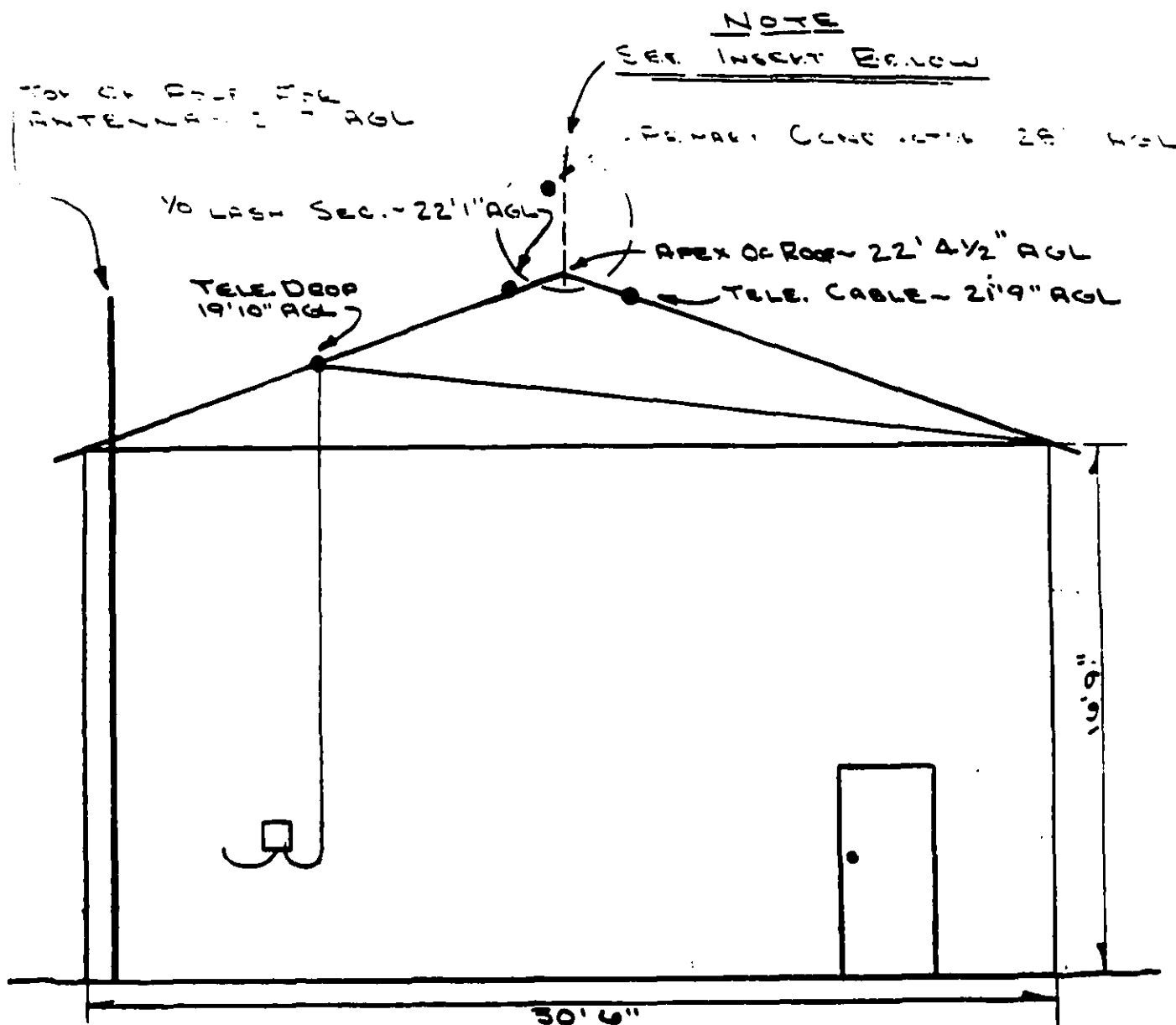
If you have additional questions, feel free to call on me.

Yours very truly,

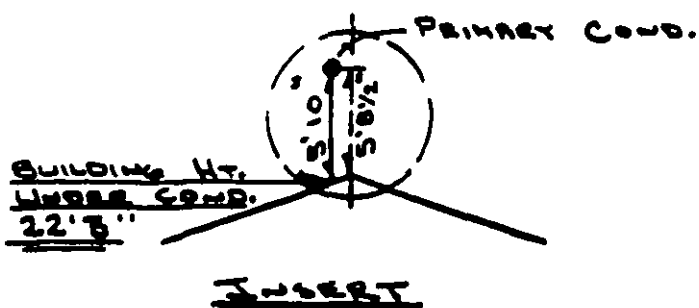
P. R. Williamson
P. R. Williamson
Human Resources Supervisor

Enclosures

cc: W. B. Edwards - w/o enclosures



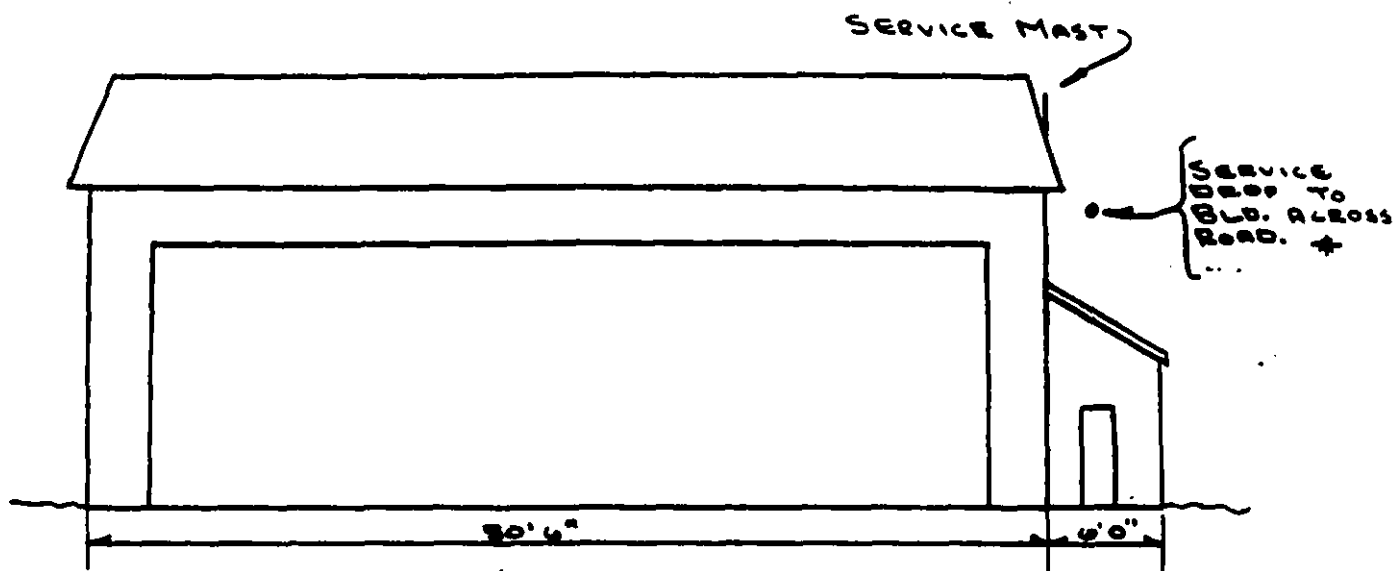
NOTE: AGL = ABOVE GROUND LEVEL



KENTUCKY POWER COMPANY	
ENGINEERING DEPARTMENT	
HAZARD	KENTUCKY
JOHNNY MINKS	
ACCIDENT ON 7-20-89	
UGO, KY.	
LENGTH	S. E. OR L. E.
S. W. PUBLIC	W. E. NO.
RW PRIVATE	LINE NO.
S. E. W.	DISTRICT
DRAWN BY G. C.	TYPE LINE
SCALE 1/4" = 1'	TAX DIST.
DATE 7-24-89	MAP NO.

SURVEYED BY J. W. R. L. E., G. C.

J. W. R. L. E. G. C.

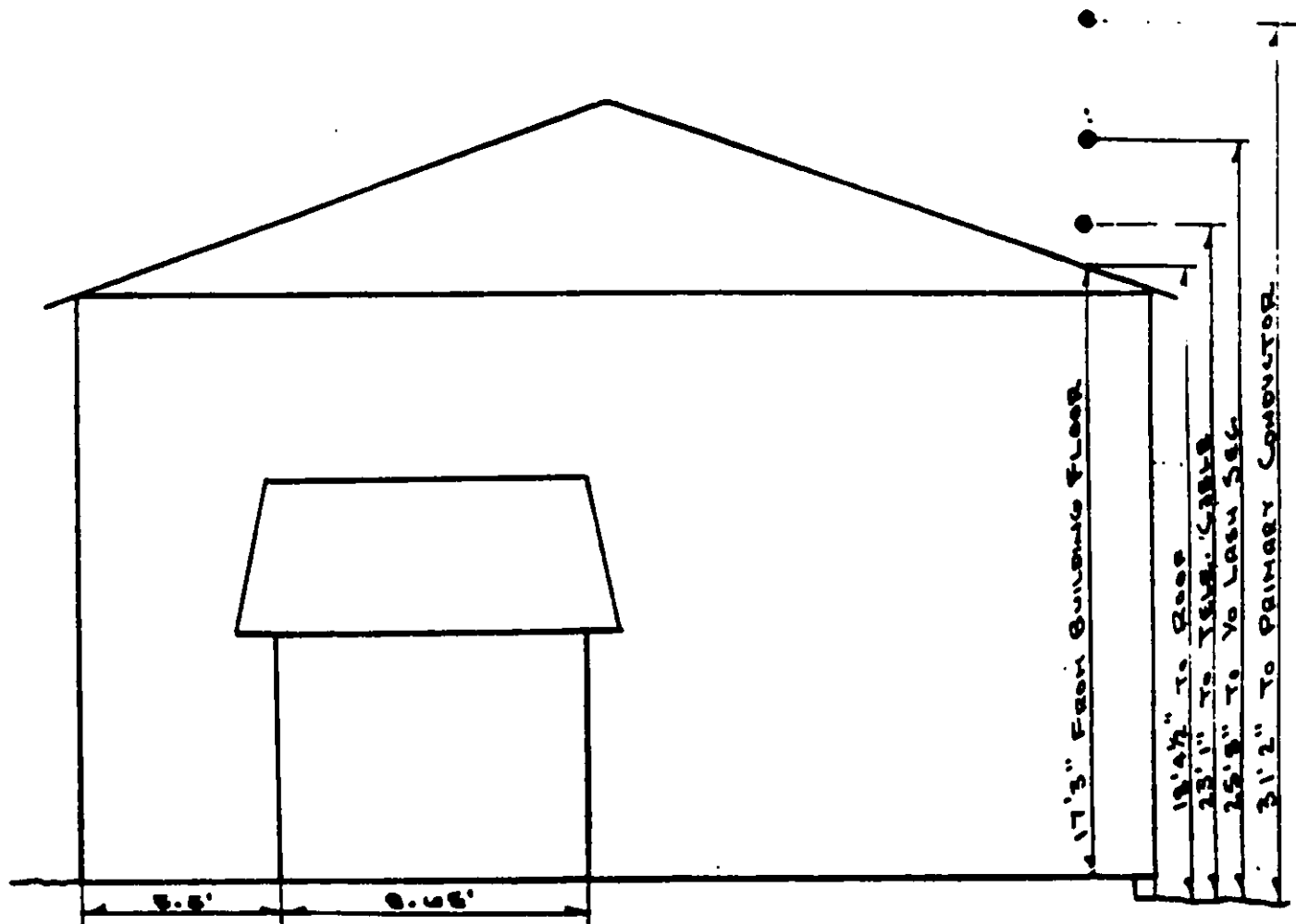


#

SERVICE DROP TO THIS BUILDING
COMES BACK FROM THE SERVICE
SHOWN ABOVE.

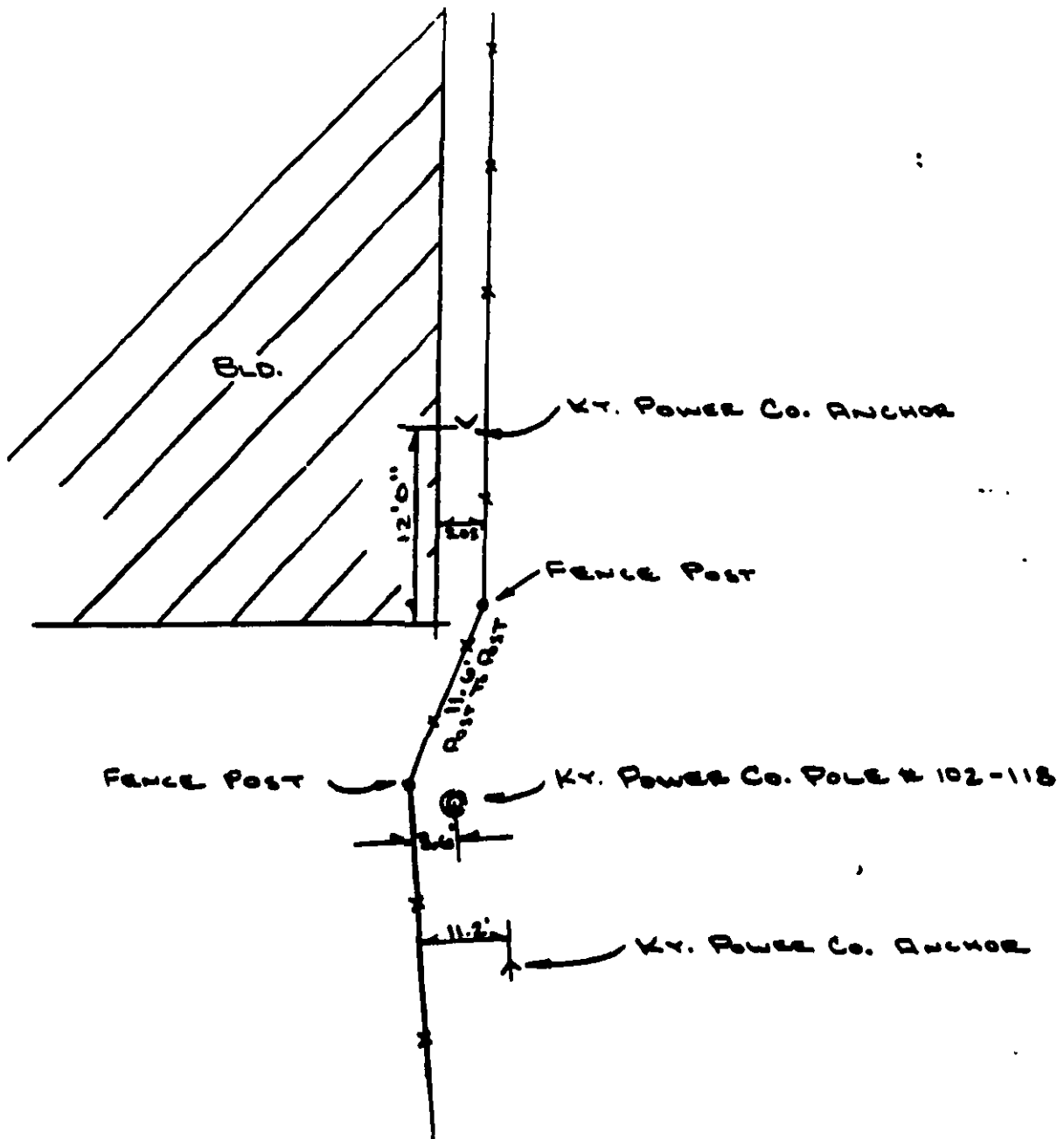
KENTUCKY POWER COMPANY	
ENGINEERING DEPARTMENT	
HAZARD	KENTUCKY
JOHNNY MINKS	
ACCIDENT ON 7-20-89	
LED, KY.	
LENGTH	N.E. OR S.E.
S.W. CORNER	W.P. NO.
SW PRIVATE	LINE NO.
S.E.W.	DISTRICT
DRAWN BY C.C.	TYPE LINE
SCALE 1/4" = 1'	TAB DIST.

SURVEYED BY F.W. G. & C. G. C.



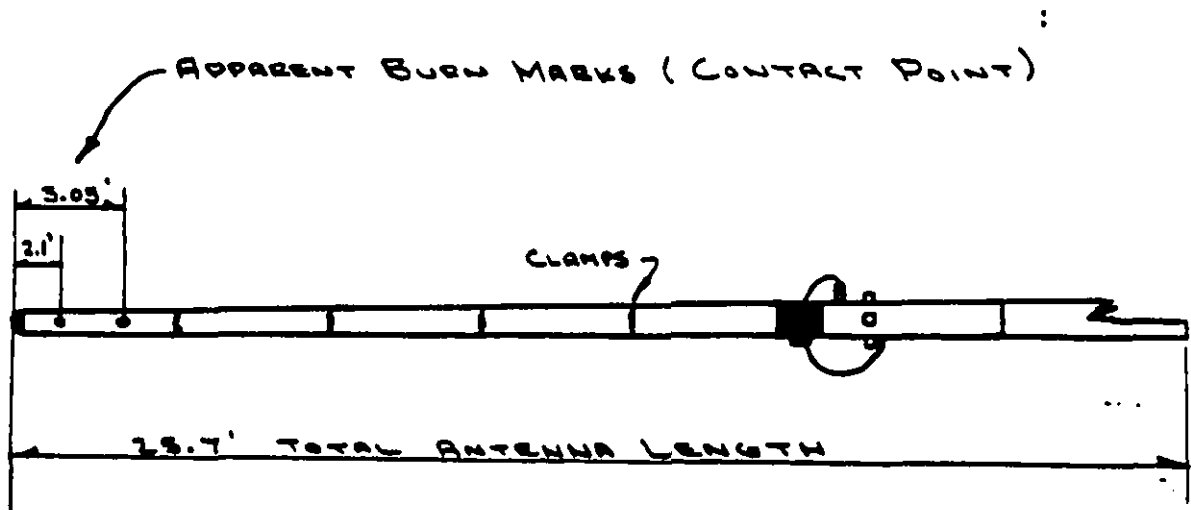
KENTUCKY POWER COMPANY	
ENGINEERING DEPARTMENT	
HAZARD	KENTUCKY
JOHNNY MINKS	
ACCIDENT ON 7-20-89	
NEO, KY.	
LENGTH	N.O. OR L.O.
R-W PIVOTS	W.O. NO.
SW PRIVATE	LINE NO.
R.O.W.	DISTRICT
DRAWN BY C.C.	TYPE LINE
SCALE 1"=10'	TAB. DIST.
DATE 7-24-89	NAC NO.

SURVEYED BY R.W., R.J.B., G.C.



KENTUCKY POWER COMPANY	
ENGINEERING DEPARTMENT	
HAZARD	KENTUCKY
JOHNNY MINKS	
ACCIDENT ON 7-20-89	
ZED	KY.
LENGTH	N.O. OR L.O.
R.W. PUBLIC	R.O. NO.
R.W. PRIVATE	LINE NO.
R.O.W.	DISTRICT
DRAWN BY C.C.	TYPE LINE
SCALE NONE	TAB ENT.
DATE 9-24-89	MAP NO.

SURVEYED BY R.W., R.J.B., G.C.



KENTUCKY POWER COMPANY
ENGINEERING DEPARTMENT

HAZARD

KENTUCKY

JOHNNY MINKS
ACCIDENT ON 7-20-69
VED, KY.

LENGTH H.O. OR L.O.

R-W PUBLIC W.O. NO.

R-W PRIVATE LINE NO.

R.O.W. DISTRICT

DRAWN BY C. C. TYPE LINE

REMS W.D.M. TAE DIST.

DATE 7-26-69 MAP NO.

SURVEYED BY R.W., E. J. C., M.C.

NED

SYSTEM INSPECTION
MARCH 27, 1989

1-15 KVA
21346

20 KVA
20412

206A

1-25 KVA
17280

1-25 KVA
22689

1-100 KVA
1310

1-15 KVA
21476

1-25 KVA
17280

1-50 KVA
5074

MAP 102
DISTRIBUTION

NED

MAP 102

R/W

